



⑫

EUROPEAN PATENT APPLICATION

⑬ Application number: 91109205.4

⑮ Int. Cl. 5. G01N 33/76, G01N 33/78,
//G01N33/58, C12Q1/28

⑯ Date of filing: 05.06.91

⑭ Priority: 07.06.90 FI 902856

⑰ Applicant: LABSYSTEMS OY
Pulttitle 8
SF-00881 Helsinki(FI)

⑮ Date of publication of application:
11.12.91 Bulletin 91/50

⑯ Inventor: Tuuminen, Tamara
Kuparilie 14-16 C
SF-00440 Helsinki(FI)
Inventor: Käpyaho, Kirsti
Nallenpolku 2 B 18
SF-02110 Espoo(FI)

⑯ Designated Contracting States:
AT DE FR GB IT

⑰ Representative: Leiser, Gottfried, Dipl.-Ing. et
al
Patentanwälte Prinz, Leiser, Bunke & Partner
Manzingerweg 7
W-8000 München 60(DE)

⑯ Date of deferred publication of the search report:
19.08.92 Bulletin 92/34

⑭ Method for the determination of an analyte.

⑮ The invention relates to a method for the determination of thyrotropin, tyroxin or free thyroxin from dried blood samples by means of fluorometric immunoassays. Horseradish peroxidase is used as the enzyme and 3-p-hydroxyphenylpropionic acid as the substrate. The assay is performed in multicuvette format (e.g. microtitration plates), and is rapid and accurate. It is suitable for high capacity testing with automatic processing and measurements.